



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 16, 2010

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of American Recovery And Reinvestment Act Road Overlay Project

RECOMMENDATION: That Council:

- A. Award a contract with Nye & Nelson in the amount of \$1,045,276 for construction of the American Recovery and Reinvestment Act (Recovery Act) Road Overlay Project (Project), Bid No. 3583;
- B. Authorize the Public Works Director to execute a contract and approve expenditures up to \$120,878 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment;
- C. Authorize the Public Works Director to execute a City Professional Services contract with Flowers and Associates (Flowers) in the amount of \$68,000 for construction support services, and approve expenditures of up to \$6,800 for extra services of Flowers that may result from necessary changes in the scope of work; and
- D. Authorize the Public Works Director to execute a City Professional Services contract with Fugro West, Inc. (Fugro), in the amount of \$18,853 for construction testing services, and approve expenditures of up to \$1,885 for extra services of Fugro that may result from necessary changes in the scope of work.

EXECUTIVE SUMMARY:

The Road Overlay construction contract is funded by the Recovery Act. A second separate Recovery Act Road Maintenance Project is proposed for Council's approval on March 16, 2010. The total amount of Recovery Act funds authorized for the two projects is \$2.67 million. In the Annual Pavement Maintenance Program, a specific zone in the City is planned for maintenance each year. This one time infusion of Recovery Act funding was identified to address work on the roads throughout the City. This contract is aimed at preserving the surface of City roads by correcting any subsurface failures.

DISCUSSION:

PROJECT DESCRIPTION

The proposed work for the Project consists of pavement maintenance and pavement overlay. The pavement maintenance is an effort to repair failed pavement areas prior to the final pavement sealing. The pavement maintenance under this project will encompass not only streets slated for a pavement overlay, but will also include areas targeted in an upcoming Recovery Act Slurry Project. The pavement overlay will reconstruct over 300,000 square feet or approximately 5 lane miles of severely distressed roadway surface. The road segments that are targeted to receive an overlay include section of roads having some of the highest traffic volumes in the City, averaging 25,000 to 30,000 vehicles daily. This Project will address maintenance of both asphalt and concrete roads (see attachment for locations of the two proposed Recovery Act pavement construction contracts).

CONTRACT BIDS

A total of five bids were received for the subject work, ranging as follows:

The apparent low bid of \$890,575 from Toro Enterprises for construction, was deemed non-responsive due to their failure to submit a complete bid. Below is a list of the four remaining responsive bidders.

	BIDDER	BASE BID AMOUNT (SCHEDULE A+B)*	BID ALT. 1	BID ALT. 2	BID ALT. 3
1.	Nye & Nelson Ventura, CA	\$967,886	\$86,835	\$77,390	\$77,390
2.	Granite Construction Company Watsonville, CA	\$1,133,274	\$139,000	\$129,000	\$129,000
3.	Lash Construction Santa Barbara, CA	\$1,174,935	\$152,850	\$142,200	\$142,200
4.	Berry General Engineering Ventura, CA	\$1,209,900	\$191,944	\$185,000	\$185,000

*Award of Contract Based on Amount of Base Bid (Schedule A plus Schedule B)

The low base bid of \$967,886, submitted by Nye & Nelson, is an acceptable bid that is responsive to and meets the requirements of the bid specifications. In addition to the Base Bid, there are sufficient funds available to include Bid Alternate 3 into the contract amount.

The total contract amount is \$1,045,276, plus an additional \$120,878 for change orders. The change order funding recommendation represents approximately 12% and is within the typical range for this type of work and size of project.

CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Flowers in the amount of \$74,800 for construction management and inspection services. On November 10, 2009, Council approved the selection of Flowers to provide professional engineering design, construction management, and inspection services for pavement maintenance projects through the end of fiscal Fiscal Year 2012.

Staff recommends that Council authorize the Public Works Director to execute a contract with Fugro in the amount of \$20,738 for material testing. Fugro is experienced in this type of work.

PUBLIC OUTREACH

The Public Works Department informs the public of ongoing projects. Informational notifications on the Project were mailed to affected residents while in design, and after the bids were opened, notifications were mailed to the affected residents and property owners. During the design phase of the Project, City staff worked closely with private and public utilities to ensure that their work would be completed prior to the road restoration work.

FUNDING

On October 20, 2009, Council accepted and appropriated funds for the work. Eligible construction phase work under this Project is 100% reimbursable by the Recovery Act. There are sufficient funds in the Streets Capital Fund to cover the cost of this Project, including the City's share as identified in the tables below.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Construction Contract (Nye & Nelson)	\$1,045,276	\$120,878	\$1,166,154
Construction Management and Inspection (Flowers and Associates)	\$68,000	\$6,800	\$74,800
Material Testing (Fugro West)	\$18,853	\$1,885	\$20,738
TOTAL RECOMMENDED AUTHORIZATION			\$1,261,692

The following summarizes all Project design costs, construction contract funding, and other Project costs.

ESTIMATED TOTAL PROJECT COST

	Federal Share	City Share	Total Cost
Design (by Contract and City staff)	\$0	\$42,283	\$42,283
Subtotal	\$0	\$42,283	\$42,283
Construction Contract	\$1,045,276	\$0	\$1,045,276
Construction Change Order Allowance	\$120,878	\$0	\$120,878
Subtotal	\$1,166,154	\$0	\$1,166,154
Project Management (by City Staff)	\$0	\$27,500	\$27,500
Construction Management and Inspection (by Contract)	\$74,800	\$0	\$74,800
Material Testing (by Contract)	\$20,738	\$0	\$20,738
Subtotal	\$95,538	\$27,500	\$123,038
TOTAL PROJECT COST	\$1,261,692	\$69,783	\$1,331,475

SUSTAINABILITY IMPACT:

This timely maintenance sustains our roads and minimizes or eliminates the need for road reconstruction. This reduces the use of additional materials and pavement oils, both of which deplete our natural resources.

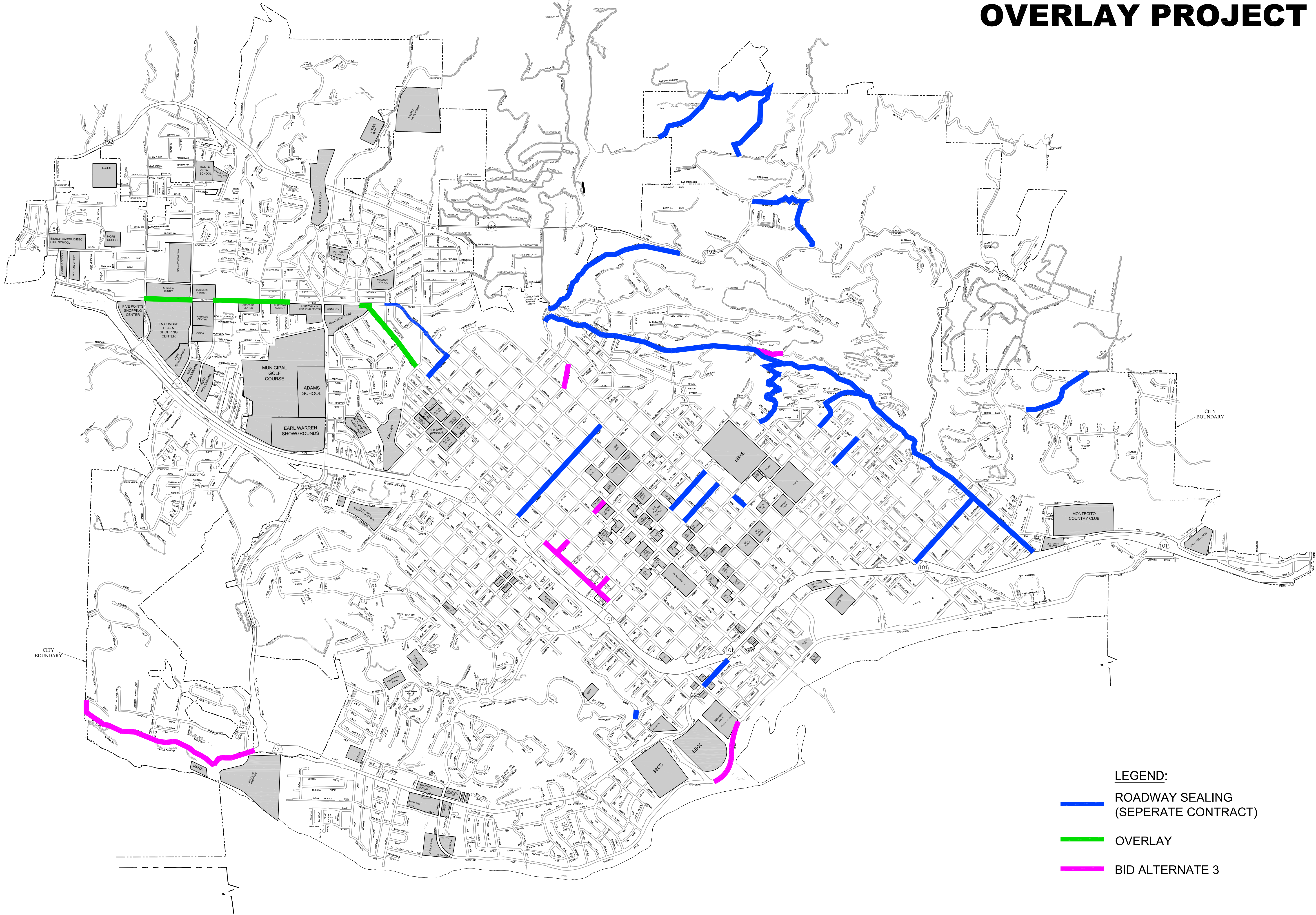
ATTACHMENT: Recovery Act Road Overlay and Maintenance Projects Map

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SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office

RECOVERY ACT ROAD OVERLAY PROJECT



LEGEND:

- ROADWAY SEALING
(SEPERATE CONTRACT)
- OVERLAY
- BID ALTERNATE 3